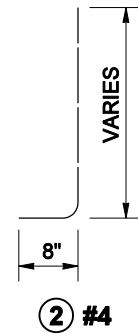
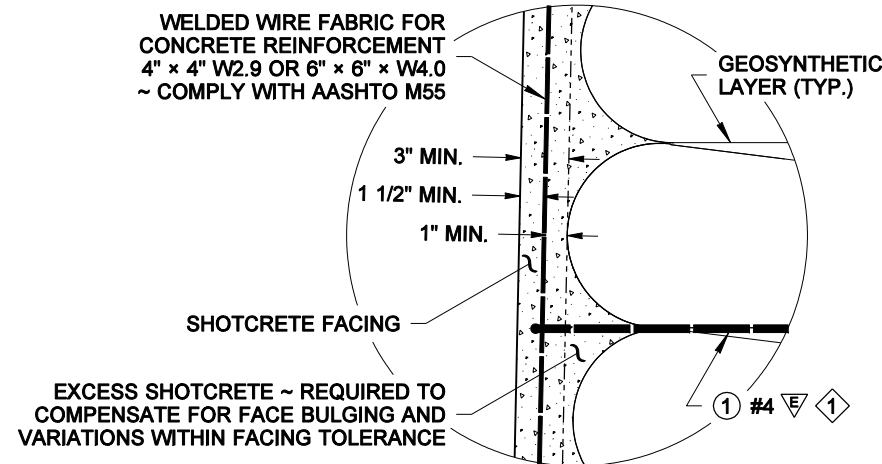


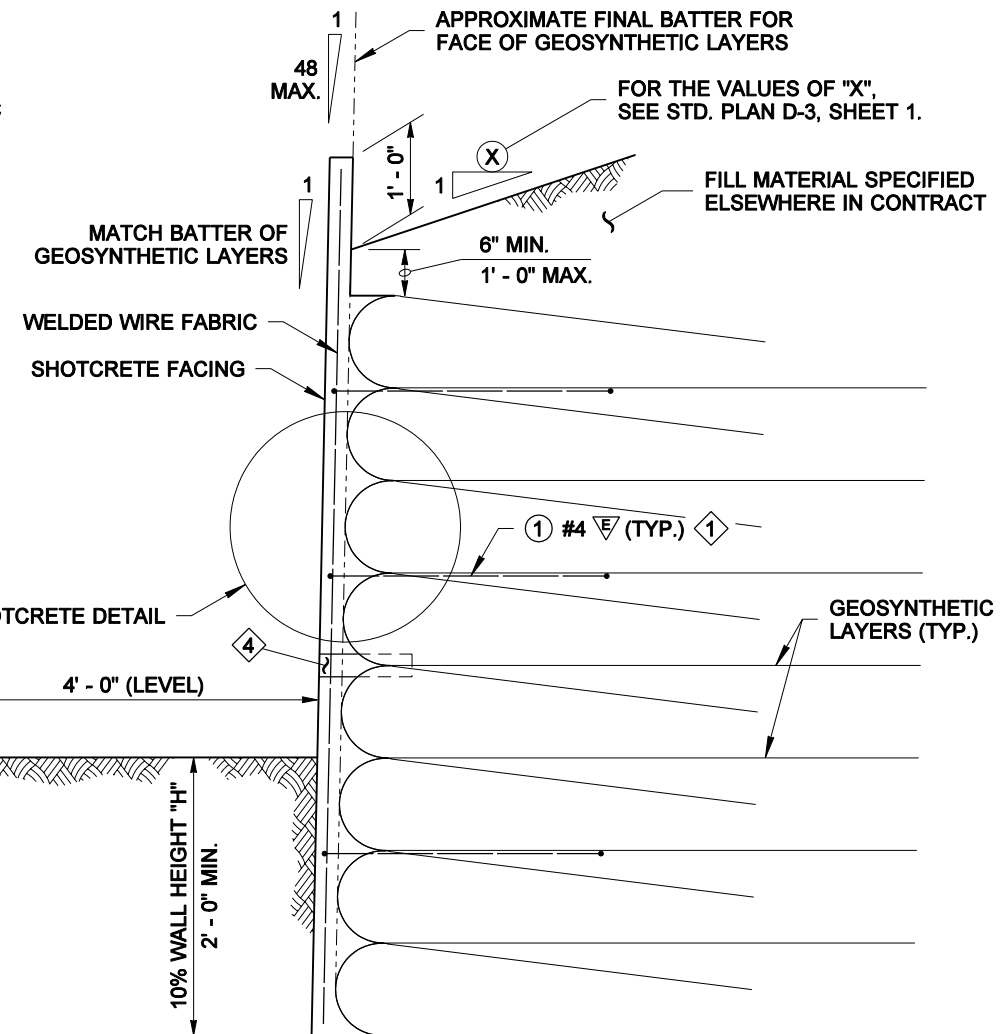
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE OF THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.



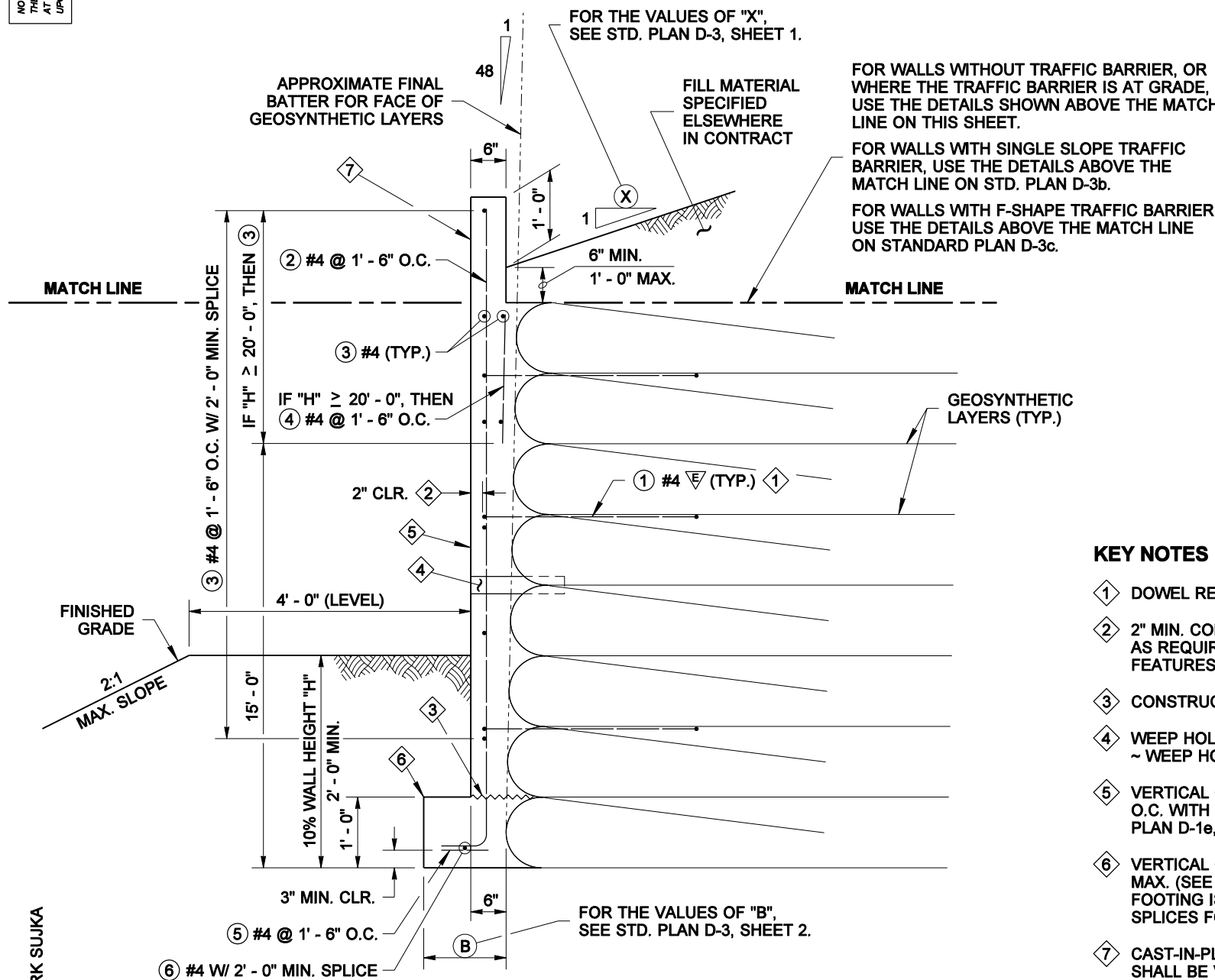
PLAN VIEW
FRACTURED FIN FINISH DETAIL
FOR CAST-IN-PLACE FASCIA ONLY



SHOTCRETE DETAIL



TYPICAL SECTION
PERMANENT GEOSYNTHETIC RETAINING WALL
WITH SHOTCRETE FACING



TYPICAL SECTION
PERMANENT GEOSYNTHETIC RETAINING WALL
WITH CAST-IN-PLACE CONCRETE FASCIA

KEY NOTES

- 1 DOWEL REINFORCEMENT (SEE STANDARD PLAN D-3)
- 2 2" MIN. CONCRETE COVER ~ INCREASE THE COVER AS REQUIRED TO ACCOMMODATE ARCHITECTURAL FEATURES AND FINISH.
- 3 CONSTRUCTION JOINT WITH ROUGHENED SURFACE
- 4 WEEP HOLE IN WALL FACING (SEE STANDARD PLAN D-3) ~ WEEP HOLES SHALL BE KEPT CLEAR OF CONCRETE.
- 5 VERTICAL CONSTRUCTION JOINTS IN FASCIA @ 24' - 0" O.C. WITH 1/2" PREMOLDED JOINT FILLER (SEE STD. PLAN D-1e, SHEET 1, "ELEVATION")
- 6 VERTICAL CONSTRUCTION JOINTS IN FOOTING @ 120' O.C. MAX. (SEE STD. PLAN D-1e, SHEET 1, "ELEVATION"). IF THE FOOTING IS STEPPED, PROVIDE 2' - 0" NON-CONTACT LAP SPLICES FOR THE 6 #4 BARS AT EACH STEP.
- 7 CAST-IN-PLACE CONCRETE FASCIA ~ THE FASCIA FACE SHALL BE VERTICAL OR SHALL MATCH THE APPROXIMATE FINAL BATTER OF THE GEOSYNTHETIC LAYERS, WHICHEVER IS SPECIFIED IN THE CONTRACT. THE 4 BARS AND INTERIOR 3 BARS SHALL BE USED ONLY IF THE FACE IS VERTICAL. THE FASCIA FACE SHALL HAVE A FRACTURED FIN FINISH (SEE DETAIL) UNLESS SPECIFIED OTHERWISE IN THE CONTRACT.

NOTES

ALL BARS SHOWN ON THIS PLAN SHALL BE AASHTO M-31 UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.

▽ = EPOXY COATED



PERMANENT
GEOSYNTHETIC WALL
FASCIA AND FACING
STANDARD PLAN D-3a

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 06-30-04

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation